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July 22, 2005

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FROM: Kristin J. Frost, Esq.  
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CLIENT NO.: 22727/04083

CLIENT NAME: Ohio State Research Fndn.

NUMBER OF PAGES (including this page): 8

MESSAGE: U.S. Patent and Trademark Office Filing

Re: Serial No. 10/040,888

Title: NEW WATER SOLUBLE POLYMERS CONTAINING CYCLIC  
AMIDE OR VINYL AMIDE RESIDUES FOR DENTAL RESTORATIVES

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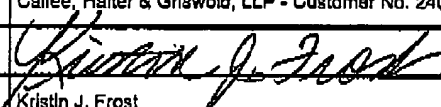
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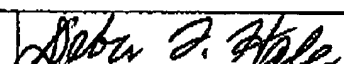
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|   |                      |                        |             |
|---|----------------------|------------------------|-------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/040,888             |             |
|   | Filing Date          | January 7, 2002        |             |
|   | First Named Inventor | Culbertson et al.      |             |
|   | Art Unit             | 1714                   |             |
|   | Examiner Name        | Tae H. Yoon            |             |
| Total Number of Pages In This Submission  | 8                    | Attorney Docket Number | 22727/04088 |

| ENCLOSURES (Check all that apply)   |  |   |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify<br>below): |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | Calflee, Halter & Griswold, LLP - Customer No. 24024                                |          |        |
| Signature                                  |  |          |        |
| Printed name                               | Kristin J. Frost  |          |        |
| Date                                       | July 22, 2005   | Reg. No. | 50,627 |

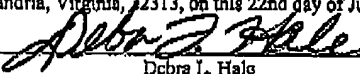
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| Signature   |  |      |               |
| Typed or printed name   | Debra L. Hale   | Date | July 22, 2005 |

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|              |   |                    |                  |      |
|--------------|---|--------------------|------------------|------|
| Appl. No.    | : | 10/040,888         | Confirmation No. | 8873 |
| Applicant    | : | Bill M. Culbertson |                  |      |
| Filed        | : | January 7, 2004    |                  |      |
| TC/A.U.      | : | 1714               |                  |      |
| Examiner     | : | Tae H. Yoon        |                  |      |
| Docket No.   | : | 22727/04083        |                  |      |
| Customer No. | : | 24024              |                  |      |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Notice of Non-Compliant Amendment of July 6, 2005 please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.